

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Tischler und Sohn (USA) Ltd. Six Suburban Avenue Stamford, CT 06901

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER – Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Mahogany Impact Outswing Casement" Wood Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1533, titled "Out-Swing Impact Wood Fixed Casement Window", sheets 01 through 06 of 06, dated 04/03/08, with revision "B1", dated 09/04/13, prepared by W. W. Schaefer Engineering & Consulting, P. A., signed and sealed by Warren W. Schaefer, P. E., bearing the Miami-Dade County Product Control Section Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Wedel (Schleswig-Holstein), Germany, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 13-1105.07 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P. E.



J.64500)

NOA No. 14-0428.20 Expiration Date: January 08, 2019 Approval Date: July 10, 2014

Page 1

Tischler und Sohn (USA) Ltd.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.

(Submitted under previous NOA No. 08-0804.13)

2. Drawing No. 1533, titled "Out-Swing Impact Wood Fixed Casement Window", sheets 01 through 06 of 06, dated 04/03/08, with revision "B1", dated 09/04/13, prepared by W. W. Schaefer Engineering & Consulting, P. A., signed and sealed by Warren W. Schaefer, P. E.

(Submitted under previous NOA No. 13-1105.07)

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201–94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked—up drawings and installation diagram of wood fixed and operable wood casement windows, prepared by Architectural Testing, Inc., Test Reports No. ATI-77324.01-109-18, dated 06/30/08, signed and sealed by Michael D. Stremmel, P. E.

(Submitted under NOA No. 08-0804.13)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and FBC-2007, prepared by W. W. Schaefer Engineering & Consultant, P. A., dated 07/28/08, and updated to FBC-2010 on 10/28/13, signed and sealed by Warren W. Schaefer, P. E.

(Submitted under previous NOA No. 13-1105.07)

2. Glazing complies with ASTM E1300-04/09

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 12–1231.10 issued to Eastman Chemical Company (MA) for their "Saflex Clear and Color Glass Interlayers" dated 03/28/13, expiring on 05/21/16.
- 2. Notice of Acceptance No. 12–1231.08 issued to Eastman Chemical Company (MA) for their "Saflex CP Saflex and Saflex HP Composite Glass Interlayers with PET Core" dated 03/28/13, expiring on 12/11/18.

Jaime D. Gasson, P. E.

Product Control Section Supervisor

NOA No. 14-0428.20 Expiration Date: January 08, 2019

Approval Date: July 10, 2014

Tischler und Sohn (USA) Ltd.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

- 1. Statement letter of conformance, and compliance with FBC 5th Edition (2014), issued by W. W. Schaefer Engineering & Consulting, P. A., dated 04/15/14, signed and sealed by Warren W. Schaefer, P. E.
- 2. Statement letter of conformance, and compliance with **FBC 2010**, issued by W. W. Schaefer Engineering & Consulting, P. A., dated 09/03/13, signed and sealed by Warren W. Schaefer, P. E. (Submitted under previous NOA No. 13–1105.07)
- 3. Statement letter of independence and no financial interest, issued by W. W. Schaefer Engineering & Consulting, P. A., dated 09/04/13, signed and sealed by Warren W. Schaefer, P. E.

(Submitted under previous NOA No. 13-1105.07)

- 4. Distributor Agreement between Tischler und Sohn (USA), Ltd., Connecticut, USA, and Tischler/ Cornelius Korn, G.m.b.H., Wedel (Schleswig-Holstein), Germany, dated 04/13/09, signed by Tim Carpenter and Wilhelm Korn, respectively.

 (Submitted under previous NOA No. 11–1101.09)
- 5. Laboratory compliance letters for Test Report No. ATI-77324.01-109-18, issued by Architectural Testing, Inc., dated 07/01/08, all signed and sealed by Michael D. Stremmel, P.E. (Submitted under NOA No. 08-0804.13)

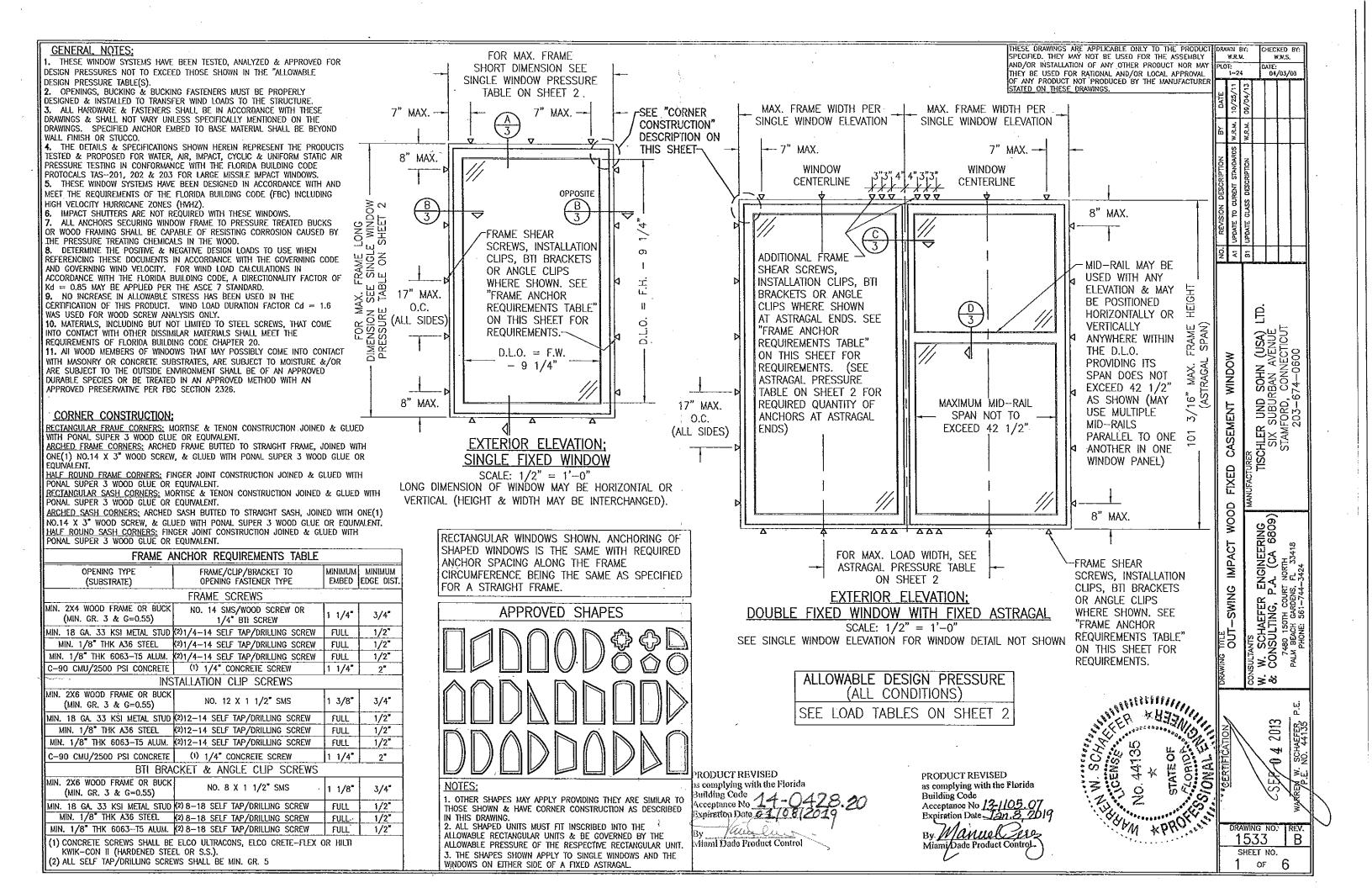
G. OTHERS

1. Notice of Acceptance No. 13–1105.07, issued to Tischler und Sohn (USA), Ltd. for their Series "Mahogany Impact Outswing Casement Wood Fixed Window – L.M.I.", approved on 12/26/13 and expiring on 01/08/19.

Jaime D. Gascon, P. E.

Product Control Section Supervisor NOA No. 14–0428.20

Expiration Date: January 08, 2019 Approval Date: July 10, 2014



CHECKED BY:

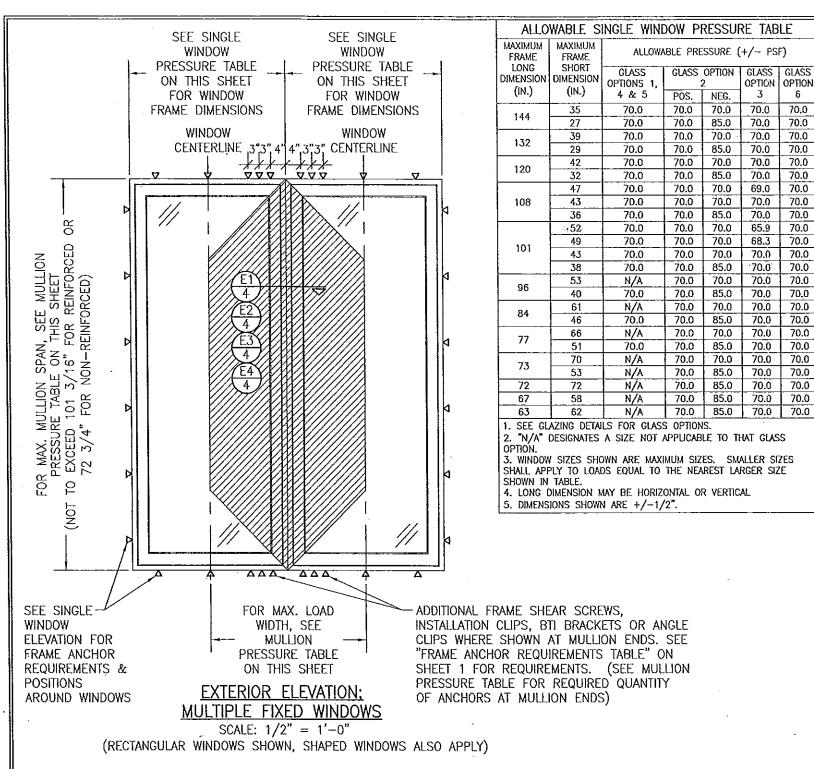
04/03/08

TISCHLER UND SOHN (USA) LISCHLER UND SOHN AVENUE STAMFORD, CONNECTICUT 203-674-0600

R ENGINEERING
P.A. (CA 6809)
DURT NORTH
ENS. F. 33418
744-3424

V. SCHAEFER EN CONSULTING, P.A 7480 150TH COURT PALM BEACH GARDENS, F PHONE: 561-744-7

1=24



MULTIPLE UNIT NOTES:

1. FOR ALL DETAIL NOT SHOWN, SEE SINGLE WINDOW ELEVATIONS.

2. MULLION MAY BE HORIZONTAL OR VERTICAL PROVIDING UNIT SIZES ARE RESTRICTED AS SHOWN IN THIS ELEVATION.

3. IF VERTICALLY STACKED, THE MANUFACTURER SHALL INSURE THAT THE DEAD LOAD WEIGHT OF THE WINDOWS CAN NOT CAUSE UNDO FAILURE.

4. THERE IS NO LIMIT ON THE NUMBER OF WINDOWS THAT MAY BE COMBINED IN ONE DIRECTION INTO ONE OPENING PROVIDING THE OPENING IS DESIGNED TO SUPPORT ALL LOADS TRANSFERED FROM THE WINDOWS & THEIR MULLIONS.

5. INDIVIDUAL WINDOW SIZES SHALL BE RESTRICTED AS SPECIFIED IN THE SINGLE WINDOW ELEVATIONS.

PRODUCT REVISED as complying with the Plorida Building Code 14-0428.20
Acceptance No 14-0428.20
Expiration Date 1108(2019

Minral Bade Product Control

PRODUCT REVISED as complying with the Florida **Building Code** Acceptance No 13-1105.07 Expiration Date 120.8,2019

ASTRAGAL ALLOWABLE DESIGN PRESSURE

4 END

ANCHORS

POS. NEG.

52.2

54.0

56,8

60.4

65.1

70.0

70.0

70.0

56.5

58.3

61.1

69.7

70.0

70.0

70.0

70.0

70.0

70.0

70.0

70.0

70.0

70.0

70.0

NOTES:
1. LOAD WIDTH IS THE DISTANCE BETWEEN WINDOW

2. ALLOWABLE UNIT PRESSURE SHALL BE THE LESSER

OF THE PRESSURES SHOWN IN THIS TABLE & THOSE

64.8 64.8

MAXIMUM ALLOWABLE PRESSURE (+/- PSF)

52.2

54.0

56.8

60.4

65.1

71.4

80.0

85.0

56.5

58.3

61.1

69.7

76.2

85.0

70.6

72.2

74.8

78.6

83.7

85.0

82.7

83.8

85.0

70.0 85.0 70.0 85.0

6 END

ANCHORS

POS. NEG.

N/A

N/A

N/A

N/A

71.0

77.8

85.0

85.0

60.7

63.3

66.6

70.6

75.9

83.0

85.0

77.0

78.6

81.5

85.0

85.0

85.0

85.0

85.0

53.6

56.1

59.7

64.8

70.0

70.0

70.0

70.0

60.7

63.3

66.6

70.0

70.0

70.0

70.0

70.0

70.0

70.0

70.0

70.0

70.0

70.0

70.0

70.0 85.0

MAXIMUM

ASTRAGAL

SPAN

(IN.)

101

84

77

72 3/4

CENTERLINES.

TOAD

WIDTH

(IN.)

72

67

61

55

49

43

37

31

72

67

61

55

49

43

37

72

67

61

55

49

43

72

67

61

72

SPECIFIED FOR THE INDIMIDUAL WINDOW.

3. DIMENSIONS SHOWN ARE +/-1/2".

Miam Dade Product Contro

1	MOLLION	WIDTH (IN.)	NON-REINFORCED 4 OR 6 END		REINFORCED				-	-
١	SPAN				4 END		6 END			
	(in.)		ANCHORS		ANCHORS		ANCHORS		DATE	
			POS.	NEG.	POS.	NEG.	POS.	NEG.	ð	
\vdash	101	72	N/A	N/A	41.8	41.8	44.3	44.3		_
									.	
1		67	N/A	N/A	43.3	43.3	46.3	46.3	첪	
		61	N/A	N/A	45.5	45.5	49.3	49.3	Н	_
		55	N/A	N/A	48.4	48.4	53.5	53.5	-	ŀ
ŀ		49	N/A	N/A	52.2	52.2	58.9	58.9	ē	
		43	N/A	N/A	57.3	57.3	65.8	65.8	DESCRIPTION	
1		37	N/A	N/A	64.2	64.2	70.0	74.3	Š	Ì
1		31	N/A	N/A	70.0	73.9	70.0	85.0	띦	
1		25	N/A	N/A	70.0	85.0	70.0	85.0		
H									REVISION	l
ı	96	72	N/A	N/A	45.3	45.3	50.1	50.1	ž	
1		67	N/A	N/A	46.8	46.8	52.3	52.3	ĸ	ŀ
		61	N/A	N/A	49.0	49.0	55.5	55.5	Щ	L
ł		55	N/A	N/A	52.0	52.0	59.9	59.9	2	
		49	N/A	N/A	55.9	55.9	64.7	64.7		
1		43	N/A	N/A	61.1	61.1	70.0	70.8	i	
١		37	N/A	N/A	68.3	68.3	70.0	79.1	ŀ	
1		31	N/A	N/A	70.0	78.5	70.0	85.0		
1										
ŀ		25	N/A	N/A	70.0	85.0	70.0	85.0		
١	84	72	N/A	N/A	56.7	56.7	65.6	65.6	ŀ	
1		67	N/A	N/A	57.9	57.9	67.0	67.0	1	
1		61	N/A	N/A	60,0	60.0	69.5	69.5		
ł		55	N/A	N/A	63.0	63.0	73.0	73.0	١.	_
		49	N/A	N/A	67.2	67.2	70.0	77.8		WINDOW WINDOW
ı		43	N/A	N/A	70.0	72.9	70.0	84.4		ă
1		37	N/A	N/A	70.0	80.8	70.0	85.0	3	Z
1			11//						1	₹
ŀ		31	N/A	N/A	70.0	85.0	70.0	85.0		
1	77	72	N/A	N/A	66.3	66.3	70.0	76.8		Z
ı		67	N/A	N/A	67.2	67.2	70.0	77.8		Щ
ļ		61	N/A	N/A	69.0	69.0	70.0	80.0	1	<u>-</u>
1		55	N/A	N/A	70.0	71.9	70.0	83.3	1	\ddot{o}
1		49	N/A	N/A	70.0	76.1	70.0	85.0	II :	CASEMENT
1		43	N/A	N/A	70.0	82.1	70.0	85.0	'	_
ı		37	N/A	N/A	70.0	85.0	70.0	85.0		Ω
ł	72 3/4	72	48.6	48.6	70.0	74.0	70.0	85.0		
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1		67	49.1	49.1	70.0	74.5	70.0	85.0	!1	
1		61	50.5	50.5	70.0	76.0	70.0	85.0		WOOD
ı		55	52.9	52.9	70.0	78.7	70.0	85.0		റ്
ı		49	54.7	54.7	70.0	82.8	70.0	85.0		₹
1		43	62.0	62.0	70.0	85.0	70.0	85.0		
-		37	70.0	70.0	70.0	85.0	70.0	85.0		Ö
		31	70.0	80.7	70.0	85.0	70.0	85.0	i)	ఠ
١		25	70.0	85.0	70.0	85.0	70.0	85.0	11	MPACT
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ı	67 61 55	67 OR	62.1	62.1	70.0	85.0	70.0	85.0		O
1		GREATER					<u> </u>			Z
١		61	63.1	63.1	70.0	85.0	70.0	85.0	1	⋝
1		55	65.1	65.1	70.0	85.0	70.0	85.0	11	ကု
		52	66.9	66.9	70.0	85.0	70.0	85.0		Ţ
1		49	69.0	69.0	70.0	85.0	70.0	85.0	별	<u>'</u>
		43	70.0	74.9	70.0	85.0	70.0	85.0	ļĒ.	0
ļ		37	70.0	83.7	70.0	85.0	70.0	85.0	Įψ	
		31	70.0	1	+	85.0	70.0		懚	
1			70.0	85.0	70.0	00.0	10.0	85.0	S	
		61 OR	70.0	82.3	70.0	85.0	70.0	85.0	10	
		GREATER		1	1		ऻ		🖫	11
		55	70.0	83.8	70.0	85.0	70.0	85.0	11,	٠.
		52	70.0	85.0	70.0	85.0	70.0	85,0	IV.	٤Ŷ
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		GREATER	70.0	85.0	70.0	85.0	70.0	85.0	۱Ę	įγ
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	1. LOAD WIDTH IS THE DISTANCE BETWEEN WINDOW									Ž '
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MULLION ALLOWABLE DESIGN PRESSURE

NON-REINFORCED

ALLOWABLE PRESSURE (+/- PSF)

REINFORCED

MUMIXAM MUMIXAM

LOAD

MULLION

2. ALLOWABLE UNIT PRESSURE SHALL BE THE LESSER OF THE PRESSURES SHOWN IN THIS TABLE & THOSE SPECIFIED FOR THE INDIVIDUAL WINDOW.

3. "N/A" DESIGNATES A SIZE NOT APPLICABLE TO THAT REINFORCEMENT CONDITION.

4. SIZE VALUES IN TABLE ARE +/-1/2"

No. 44138 ***
SEATOR 20131 ********** OPO TOPO SHEET NO.

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